

A safety measure in factories with ammonia atmosphere.
Gh. Huidovic, Tibi, Coloziu, Aurora Bardea, Gh. Moroi,
Alina Angelescu, Iulietta Lindf, and Angela Luca. *Bul.*
Sti. Pol. Chem., 1951, No. 1-2, 181-5 (1953). — Linden charcoal
soaked in a 40% soln. of ZnSO₄ absorbs NH₃ well from the
air.

SUPERGEANU, C., ing.; BORDEA, R., geolog.; ANDRONESCU, A.

New appearances of scheelite in the complex mineralization of the
massif of Tibles—Magura Neagra. Rev min 12 no.11:507-510 N '61.

(Rumania—Scheelite)

BORDEANU, Teodor

"Research works dedicated to the memory of [Bulgarian Academician] Doncho Kostov." Reviewed by Teodor Bordeanu. Rev biol 7 no.3:479-480 '62.

1. Chlen korrespondent Akademii RNR.

Country : Rumania
Category : Human and Animal Physiology, The Nervous System T
Ref Zhur Biol, No. 2, 1959, No. 8423
Abs, Jour. :
Author : ---
Institut. : An Investigation of the Morphological and Func-
Title : tional Reaction of the Uterine Nerve Endings to
Acetylcholine.
Orig. Pub. : Comun. Acad. RPR, 1957, 7, No. 1, 135--141

Abstract : Acetylcholine in doses ranging from 10 to 2000 produced a more intensive staining with methylene blue of the nerve endings of the uterine interreceptors in the perfused horn than in the control horn, through which methylene blue alone was perfused. The stained nervous reticulum became thicker; the intrastructural relationships of the fibers was altered in the direction of increased granularity. Similar changes occurred during ischemia of the uterine horn. They resembled the phenomena described for a stage of hormonal activity. Considering
Card: 1/2

Country	:	Rumania	T
Category	:	Human and Animal Physiology, The Nervous System	
Abs. Jour.	:	Ref Zhur Biol, No. 2, 1959, No. 8423	
Author	:		
Institut.	:		
Title	:		
Orig Pub.	:		
Abstract	:	the histochemical effect of the perfusion fluid, the authors are of the opinion that the states of excitation of the terminal nerve apparatuses assumed a morphofunctional nature.--I.M.Sheyman	
Card:	2/2		

RUMANIA/Human and Animal Morphology - (Normal and Pathological) S
Nervous System. Peripheral Nervous System.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26113

Author : Gabrielescu-Velican, Elena; Zamfirescu, N.; Bordeianu,
A.; Felberg, B.

Inst : Rumanian Academy of Sciences

Title : Histochemical Changes of Polysaccharides of the Superior
Cervical Sympathetic Ganglion of Cat in Irritation of
preganglionic Fibers.

Orig Pub : Commun. Acad. RPR, 1957, 7, No 9, 819-825

Abstract : The preganglionic trunk of superior sympathetic ganglion
of cat was irritated with electric currents of various
frequency and intensity; duration of effect from 10 min
to 2 hours. The physiological state of the ganglion was
judged by third eyelid contraction or current of effect.

Card 1/2

RUMANIA/Human and Animal Morphology - (Normal and Pathological)
Nervous System. Peripheral Nervous System.

S

Abs Jour : Ref Zhur Biol., No 6, 1959, 26113

In irritation which induced the reaction within the limits of physiologic standard, pulverisation of polysaccharide granules in parikaryon (methods of Mac Manus-Hotchkiss and Bauer) was observed; with great frequencies of the current, fundamental changes of polysaccharides were not noted. In pessimum induced by strong current, disappearance of polysaccharides took place. In the period of restoration after irritation, PAS reaction increased. -- V.V. Portugalov

Card 2/2

- 22 -

VELICAN-GABRIELESCU, Elena; BORDEIANU, Aurelia; SAVA, Maria

Experimental studies of the effect of atropine on the cortico-hypophyso-
utero-ovarian mechanism. Bul. stiint., sect. med. 9 no.1:191-210 1957.

(CENTRAL NERVOUS SYSTEM, physiol.

regulation of pituitary-utero-ovarian system, eff. of
atropine administered intravenously & intracranially, in
rats)

(PITUITARY GLAND, eff. of drugs on
atropine, on pituitary-utero-ovarian system, eff. of admin.
in rats)

(UTERUS, eff. of drugs on
same)

(OVARIES, eff. of drugs on
same)

(ATROPINE, effects
on pituitary-utero-ovarian system & its regulation by CNS,
eff. of admin., in rats)

RUMANIA/Human and Animal Morphology (Normal and Pathological)
Peripheral Nervous System

S-3

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 55093

Author : Volcean-Gerberelescu, Elena; Bordalescu A.

Inst : Not Given

Title : Pathomorphological Aspects of the Solar Plexus' Sympathetic
Formations in Ascitic Cirrhosis (of the Liver).

Orig Put : Med. interna, 1957, 9, No 10, 1517-1526

Abstract : The changes in sympathetic formations of nerve fiber ganglia
of the solar plexus were examined with impregnation methods
according to Bil'shovskiy's Abrikos and Zhebonoro. They con-
sist in an increase of argyrophilic, an increase in the num-
ber of terminal rings and spherules, a granular disintegration
of some of them, a hypertrophy of some spheres, and an en-
largement and a proliferation around the cellular and glo-
merular networks. Edematous swelling and various changes of
the postganglionic fibers are observed, as well as prolifera-
tion of the intracapsulated dendrites and their terminal
bulges.

Cord : 1/1

COUNTRY : Rumania T
CATEGORY : Human and Animal Physiology, The Nervous System
ABS. JOUR. : RZhBiol., No. 5 1959, No. 22418
AUTHOR : Gabrielescu, E.; Bordeianu, A.
INST. : --
TITLE : An Investigation of the Morphological Reaction of
the Nerve Endings of the Uterus when Physiologic-
ally Stimulated.
ORIG. PUB. : Morfol. normala si patol., 1958, 3, No. 2, 173--179
ABSTRACT : No abstract

Card:

141

T-95

VELIKAN-GABRILYESKU, Ye. [Velikan-Gabriliescu, E.]; BORDEIANU, A.
[Bordeianu, A.] (Bukharest)

Findings on the morphological and functional changes in the nerve endings in the uterus during the estrus cycle and in pregnancy [with summary in English]. Arkh.pat. 20 no.2:55-68 '58. (MIRA 11:4)

(UTERUS, innerv.

nerve endings in rabbit & dog during estrus cycle &
in pregn., morphol. & funct. changes (Rus))

(ESTRUS CYCLE, physiol.

eff. on uterine nerve ending morphol. & funct. in rabbit
& dog. (Rus))

(PREGNANCY, physiol.

same)

NITESCU, I.I.; GABRIELESCU, Elena; CLEJAN, L.; BORDEIANU, Aurelia;
NICOLAU, Vantita.

Influence of avitaminosis B₁ upon the reaction of the vital coloration
of brain. Studii cerc fiziol 4 no.4:441-448 '59. (EEAI 9:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie, Studii
si cercetari de fiziologie (for Nitescu)

(DEFICIENCY DISEASES)

(BRAIN)

(COLOR)

(THIAMINE)

(METHYLENE BLUE)

(NEUTRAL RED)

BENETATO, Gr., acad.; GABRIELESCU, Elena; PARTENI, Lucia; BOROS, I.;
BORDEIANU, Aurelia

New contributions to the study of the cerebral histochemistry and
biochemistry in the experimental allergic encephalomyelitis.
Studii cerc fiziol 5 no.1:9-27 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D.Danielopolu" al Academiei R.P.R. 2. Redactor responsabil, Studii
si cercetari de fiziologie (for Benetato)
(HISTOCHEMISTRY)
(BIOCHEMISTRY)
(ENCEPHALOMYELITIS)
(ALLERGY)
(METABOLISM)
(PROTEINS)

NITESCU, I.I.; CORNEANU, Maria; BORDEIANU, Aurelia.

Studies on the relations between the endocrine function of ovaries
and the motility of the digestive tract. Studii cerc fiziol 5 no.1:
43-48 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr.
D,Danielopolu" Al Academiei R.P.R. 2. Comitetul de redactie,
Studii si cercetari de fiziologie (for Nitescu)
(OVARIES)
(DIGESTIVE ORGANS)
(ESTROGENIC HORMONES)
(PROGESTERONE)

STERESCU, N.: GABRIELESCU, Elena; BORDEIANU, Aurelia

Influence of the physical effort on the development of the experimental goiter with the aid of synthetic antithyroid preparations. Studii cerc fiziol 5 no.1:247-254 '60. (EEAI 9:12)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.Danielopolu" al Academiei R.P.R. 2. Comitetul de redactie, Studii si cercetari de fiziologie (for Sterscu) (GOITER) (METHYLTHIOURACIL) (THYROID GLAND)

GABRIELESCU, Elena; TEODORINI, Sanda; IONESCU, V.; BORDEIANU, Aurelia

Histochemical changes of the carbohydrates in the superior cervical ganglion during the phases of functional stimulation. Rev. sci. med. 5 no.3/4:153-156 '60.

(GANGLIA AUTONOMIC chem.) (CARBOHYDRATES chem.)
(ELECTROPHYSIOLOGY exper.)

VASILESCU, V.; GABRIELESCU, Elera; BORDEIANU, Aurelia; SUHACIU,
Gh.

Some hypothalamohypophysial modifications in the course
of hepatic regeneration. Studii cerc fiziol 5 no. 4:671-
678 '60.

(1. Liver) (2. Hypothalamus)

1. Institutul de fiziologie normala si patologica "Prof.
Dr. D. Danielopolu" al Academiei R.P.R.
2. Membru a Comitetului de redactie, redactor responsabil
adjunct "Studii si cercetari de fiziologie" (for Vasilescu).

GABRIELESCU, Elena; BORDEIANU, Aurelia; STERESCU, N.

Histochemistry of thyroid proteins in the acute and chronic effort; histophotometric determinations. Studii cerc fiziol 5 no. 4:747-757 '60.

(1. Protein metabolism 2. Thyroid gland)

- 1.. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R.
- 2.. Membru a Comitetului de redactie "Studii si cercetari de fiziologie" (for Sterescu).

BENETATO, Gr., acad.; GABRIELESCU, Elena; BORDEINAU, Aurelia

Cytochemical changes in the neurologia during the process of allergic demyelination. Rumanian M Rev. no.1:73-84 Ja-Mr '61.

1. The "Dr. D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of the R.P.R., Director: Acad. Prof. Gr. Benetato.
(ENCEPHALOMYELITIS experimental) (NEUROLOGIA chemistry)
(ALLERGY experimental) (PROTEINS chemistry)
(MUCOPOLYSACCHARIDES chemistry)

VASILESCU, V.; GABRIELESCU, Elena; BORDEIANU, Aurelia; SUHACIU, G.

A study of certain hypothalmo-hypophyseal changes in the course of hepatic regeneration. Rumanian M Rev. no.1:276 Ja-Mr '61.

1. The "Prof. Dr. D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of the R.P.R., Director: Acad. Gr. Benetato.
(HYPOTHALAMUS pathology) (PITUITARY GLAND, ANTERIOR pathology)
(LIVER surgery)

VASILESCU, V.; NICULESCU, V.; CAPILNA, S.; BORDEIANU, Aurelia; GHIZARI, Eugenia

Experimental investigations on the biochemical composition and biological effects of some liver extracts. Studii cerc fiziol 6 no.2:229-235 '61.

1. Institutul de fiziologie normala si patologica "Prof. Dr. D. Danielopolu" al Academiei R.P.R. 2. Redactor responsabil adjunct, "Studii si cercetari de fiziologie" (for Vasilescu).

(LIVER) (METABOLISM)

GROZA, P.; GLAVCEVA, Liuba; BORDEIANU, Aurelia

Studies on the regeneration process of mucous membrane. Studii cerc
fiziolog 6 no.2:259-263 '61.

1. Institutul de Fiziologie normala si patologica "Prof. Dr. D.
Danielopolu" al Academiei R.P.R. 2. Membru al Comitetului de redactie,
"Studii si cercetari de fiziologie"(for Groza).

(REGENERATION(BIOLOGY)) (MUCOUS MEMBRANE)

BENETATO, Gr., prof.; GABRIELESCU, Elena; PARTENI, Lucia; BORDEIANU, Aurelia;
BOROS, I.

Bio- and histochemical investigations on neuraxial proteins in
experimental allergic demyelinating encephalomyelitis. Rumanian
med. rev. no.8:3-18 '62.

(ENCEPHALOMYELITIS) (DEMYELINATION) (PROTEINS)
(CENTRAL NERVOUS SYSTEM)

BENETATO, Gr., acad.; GABRIELESCU, Elena; BORDEIANU, Aurelia

Cytochemical modifications of the neuroglia during the process of
allergic demyelination. Studii cerc fiziol 6 no.1:9-18 (61.
(EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.
Ianielopolu" al Academiei R.P.R. 2. Redactor responsabil, "Studii si
cercetari de fiziologie"(for Benetato).

(CELLS) (NEUROGLIA) (DEMYELINATION) (ALLERGY)

BENETATO, Gr., acad.; GABRIELESCU, Elena; BORDEINAU, Aurelia

Cytochemical changes in the neurologia during the process of allergic demyelination. Rumanian M Rev. no.1:73-84 Ja-Mr '61.

1. The "Dr. D. Danielopolu" Institute of Normal and Pathological Physiology, Academy of the R.P.R., Director: Acad. Prof. Gr. Benetato.
(ENCEPHALOMYELITIS experimental) (NEUROLOGIA chemistry)
(ALLERGY experimental) (PROTEINS chemistry)
(MUCOPOLYSACCHARIDES chemistry)

GABRIELESCU, Elena; BORDEIANU, Aurelia; STERESCU, N.

Influence of physical effort on the thyroid histochemical substratum
of the rats treated with methylthiouracil. Studii cerc fiziol 6
no.1:99-106 '61. (EEAI 10:9)

1. Institutul de fiziologie normala si patologica "Prof. Dr. D.
Danielopolu" al Academiei R.P.R. 2.Membru al Comitetului de redactie,
"Studii si cercetari de fiziologie" (for Sterescu).

(HISTOCHEMISTRY) (THYROID GLAND) (METHYLTHIOURACIL)

BORDEIANU, V.

VASILESCU, V.; GABRIELESCU, Elena; BORDEIANU, Aurelia; SUHACIU, G.

A study of certain hypothalmo-hypophyseal changes in the course of
hepatic regeneration. Rumanian M Rev. no.1:276 Ja-Mr '61.

1. The "Prof. Dr. D. Danielopolu" Institute of Normal and Pathological
Physiology, Academy of the R.P.R., Director: Acad. Gr. Bonatato.
(HYPOTHALAMUS pathology) (PITUITARY GLAND, ANTERIOR pathology)
(LIVER surgery)

GABRIELESCU, Elena; BORDEIANU, Aurelia

The histochemistry of liver proteins in chronic hepatopathies.
Rev. sci. med. 8 no.3/4:117-121 '63.

(LIVER CIRRHOSIS) (HEPATITIS) (LIVER)
(HISTOCHEMISTRY) (PATHOLOGY) (NUCLEOPROTEINS)
(PEPTIDE HYDROLASES)

BENETATO, G., akademik (Bukharest); GABRIELESCU, Yelena [Gabriescu, Elena] (Bukharest); PARTENE, Luchiya [Partene, Lucia] (Bukharest); BORDEYANU, Aureliya [Bordianu, Aurelia] (Bukharest); BOROSH [Boros] (Bukharest)

Bio- and histochemical study of nerve fiber proteins (neuraxial) in experimental allergic demyelinating encephalomyelitis. Pat. fiziol. i eksp. terap. 7 no.633-10 N-D '63. (MIRA 17:7)

NICOLAESCU, T., dr.; GABRIELESCU, Elena, dr.; GHIZARI, Eugenia, chim.; STOICULESCU, P., dr.; BITTMAN, E., dr.; BORDEIANU, Aurelia, dr.

Aspects of protein metabolism of the liver during regeneration after chronic liver diseases. Med. intern. (Bucur) 17 no.2: 199-207 F'65.

1. Lucrare efectuata in Sectia clinica a Institutului de fiziologie normala si patologica "D. Danielopolu" al Academiei Republicii Populare Romane (director: acad. Gr. Benetato).

GABRIELESCO, Elena; BORDEIANU, Aurelia

Histochemistry of hepatic proteins studied on normal and pathological human biopsy material. Folia histochem. cytochem. (Krakow) 3 no.2:143-148 '65.

I. D. Danielopolu Institute of Normal and Pathological Physiology, Academy of Sciences, Bucharest, Romania.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4

BENETATO, Gr.; GABRIELESCU, Elena; STOIENESCU, Lidia; BORDEIANU, Aurelia

Histochemistry of proteases of the nervous system during the process of stimulation. Stud. cercet. fiziol. 10 no.1:3-12 '65.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4"

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4

BORDEIANU, C., ing.

Application of scientific methods to milch cow breeding. St si Teh
Buc 14 no.1:30-31 Ja '62.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4"

BOERDEIANU, C.

SOURCE (in caps); Given Names

Country: Rumania

Academic Degrees: Engineer

Affiliation: --

Source: Bucharest, Probleme Zootehnice si Veterinare, No 5, 1961,
pp 10-13.

Data: "The Raising of Cows to the Level of an Important Branch of
Production." (From the Experience of the Palazu Mare Collective
Farm, Dobrogea Regiune)."

BORDEIANU, C.

Aspects of economic efficiency increase in poultry breeding.
Probleme econ 15 no.6:92-104 Je '62.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4

STANCIU, Natalia; PADURARU, Aneta; AVADANEI, Ana; GILYEN, Ion; MITA, Pompiliu;
POSTEUCA, Doina; BORDEIANU, Nicolae; GRUIA, Ion; MIHAILESCU, Gheorghe;
TUDOR, Costica; UNGUREANU, Elena

Monograph on the hydrology of the hydrographic basin of the Olt
River. Studii hidrol 10:1-283 '64.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4"

IVAN, I.M., prof.; BORDEIANU, Vera, dr.; GAICULESCU, Stefania, dr.;
POPESCU, Er., dr.; ZAHARIA, C., dr.; BORDEIANU, P., dr.;
PETRESCU, R., dr.; TEHNICEANU, A., dr.

Epidemiological considerations on acute enterocolitis in a district of the city of Bucharest. *Pediatria (Bucur)* 14 no.1:45-54 Ja-F'65.

1. Lucrare efectuata in Inspectia de stat pentru igiena si protectia muncii a Raionului "Lenin" (VI) si la Catedra de epidemiologie, Institutul medico-farmaceutic, Bucuresti.

IVAN, I.M., prof.; TELNICEANU, A., dr.; MAGUREANU, E., dr.; TOMA, R., dr.; BORDEIANU, P., dr.; CALOMFIRESCU, AL., dr.; BARBU, A., dr.; MANOLESCU, Maria, chim.

Epidemiological aspects of inframicrobial epidemic hepatitis in the city of Bucharest in 1960. Med. inter., Bucur 13 no.5: 703-710 My '61.

1. Catedra de epidemiologie, I.M.F., Bucuresti (for Ivan, Telniceanu, Magureanu, Tomă). 2. Sanepidul central al Capitalei (for Bordeianu, Calomfirescu, Barbu, Manolescu).
(HEPATITIS, INFECTIOUS statistics)

NESTORESCO, N.; GRIGORIU, T.; BADULESCO, Elisabeta; SOLOMON, I.; BARBU, A.;
VASILIU, Ecaterina; IONESCO, Maria; CALOMFIRESCO, A.; BORDEINAU, P.;
ALLESEANU, Gh.; PANAITESCU, Gh.

The specific resistance produced by typhoid-paratyphoid vaccination
compared with the immunity status of former typhoid fever patients
as a criterion of evaluation of the effectiveness of T.A.B. vaccine.
Arch. Roum. path. exp. microbiol. 20 no.3:321-325 S '61.

1. Institut "Dr. I.Cantacuzino" (for Nestoresco). 2. Section de
Bacteriologie du Centre Sanitaire antiepidemique de Bucarest (for
Grigoriu, Badulescu, Solomon, Barbu Vasiliu, Ionesco). 3. Section
d'Epidemiologie du Centre Sanitaire antiepidemique de Bucarest.
(TYPHOID immunology) (PARATYPHOID FEVERS immunology)

BORDYANU, T., [Bordeanu, T.], professor; KOCHU, V., [Cociu, V.], inzhener;
PANDELE, I.

Intervarietal peach and apricot hybrids in the Rumanian People's
Republic. Agrobiologija no.4:128-138 J1-Ag '57. (MLRA 10:9)

1. Chlen-korrespondent Akademii Rumynskoy Narodnoy Respubliki (for
Bordyanu [Bordeanu]. 2. Rumyniya, Nauchno-issledovatel'skiy sel'sko-
khozyaystvennyy institut.
(Rumania--Peach breeding) (Rumania--Apricot breeding)

Country	: Russia	M
Category	'CULTIVATED PLANTS, FRUITS, Berries.	
Abs. Jour.	: REF ZHUR-BIOL., 21, 1958, NO-9616	
Author	: Bordelancu, Teodor; Constantinescu, Gherasim.	
Institut.		
Title	: Achievements in Horticulture and Viticulture in the NFR during the Past Ten Years Founded on the Basis of Soviet Experience.	
Orig. Pub.	: An. Rom.-Sov. Ser. agric., 1957, 11, No.3, 65-73	
Abstract	: No abstract	
Card:	1/1	

RUMANIA/Cultivated Plants - Fruits. Berries.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82483

Author : Bordeianu, T., Bodi, I., Modoran, I., Tudoseca, O.

Inst : Research Institute of Agriculture

Title : Shortening of the Process of Obtaining Planting Material
of the Fruit Trees.

Orig Pub : An. Inst. cercetari agron., 1957, 24, No 5, 395-405

Abstract : As the result of experiments carried at the experimental stations Bistritsa and Voyneshti (1952-1955), it follows that with the direct planting of the wild apple tree seeds in the first field of the nursery and the thinning out of the seedlings (distance 100 x 40 centimeters) it is possible to obtain in the year of planting, in the first field, material suitable for grafting. With the winter grafting on the table of one-year old seedlings

Card 1/2

RUMANIA/Cultivated Plants - Fruits. Berries.

M

Abs Jour : Ref Zhur Biol., No 18, 1958, 82483

and planting them in the second field, a normal development of the scion (Parmen zolotoy) and formation of the crown in the majority of trees in the second year are achieved. In 1955, 12,43% seedlings on one hectare (2050 seedlings less than on the control) were obtained by means of direct planting in the first field; by means of thinning of the seedlings on the first field of the nursery, 12,93% seedlings on one hectare were obtained (1550 seedlings less than on the control) and by means of winter grafting - 14,550 on one hectare (63 seedlings more than with the usual growing of planting material in 4 years). Application of these methods reduced the duration of the planting material formation by one year. The best method proved to be the method of winter grafting on the table. -- Ye.T. Zhukovskaya

Card 2/2

- 115 -

BORDEIANU, T.

"Agrotechnical measures for increasing the production of fruits and liquidating
the periodicity in apple-bearing trees."

p. 3 (Mezhdunarodnyi Selskokhoziaistvennyi Zhurnal, Vol. 2, No. 2, 1958, Sofia,
Bulgaria).

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 12, Dec. 58.

BORDEIANU, TH., AND OTHERS

Effect of fertilizing and spraying on the growth and yield of the apples of the Petul, Jonathan, and Ontario varieties. In Russian. p. S7.

REVUE DE BIOLOGIE. JOURNAL OF BIOLOGY. (Academia Republicii Populare Romane) Bucuresti, Rumania. Vol. 3, no. 1, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 7, July 1959.

Uncl.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4

BORDEIANU, T.; CUPCINENCO, I.; PANDELE, Iuliana

A study of quince varieties cultivated in Romania. Studii cerc.biol.
veget. 11 no.4:395-415 '59. (MEAI 9:5)

1. Membru corespondent al Academiei R.P.R. (for Bordeianu).
(Rum--Quince)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4"

BORDEIANU, T.; TARNAVSCHI, I.; RADU, I. F.; BUMBAC, Ecaterina; BOTEZ, M.
MARIN, Ana

Winter rest and biological threshold of the apricot flower buds.
Studii cerc biol veget 13 no.4:427-440 '61.

1. Membru corespondent al Academiei R.P.R. si membru al Comitetului
de redactie, "Studii si cercetari de biologie, Seria biologie vegetala"
(for Bordeianu).

BORDEIANU, Teodor, prof.

"The Bulgarian pomology." Reviewed by Teodor Bordeianu. Studii cerc
biol veget 14 no. 1:131-132 '62.

1. Membru corespondent al Academiei R.P.R. si Membru al Comitetului de
redactie, "Studii si cercetari de biologie, Seria biologie vegetala."

BORDEIANU, T., prof.; MIHALCA, Veronica

"Current problems of biology and agricultural science,"
dedicated to Academician G. Ionescu-Sisesti upon the
occasion of his 75th anniversary. Reviewed by Prof. T.
Bordeianu and Veronica Mihalca. Rev biol 6 no.4:477-479
'61.

BORDEIANU, Teodor, prof.

"Pomology" by L.P. Simirenko. Vol. 1: "Apple." Reviewed by Teodor Bordeianu. Studii cerc biol veget 14 no.4:501-502 '62.

1. Membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie, "Studii si cercetari de biologie, Seria biologie vegetala".

BORDEIANU, Teodor, prof.

"Radical system of fruit trees and fruit bushes and the method of studying it" by [prof.] V.A. Kolesnikov. Reviewed by Teodor Bordeianu. Studii cerc biol veget 15 no.1:151-153 '63.

1. Membru corespondent al Academiei R.P.R.

BORDEIANU, T.; CUPCINENCO, I.; PANDELE, Iuliana; OROS, Florica; POMEIUS, Elena

Study on the kinds of quince trees cultivated in the Danube Delta. Hidrologia 4:401-427 '63.

1. Membru corespondent al Academiei R.P.R. (for Bordeianu).

PRIADCENCU, Al.; BORDEIANU, T., acad.; GRINVALD, Clara; STEFAN, N.;
BELDIE, Al.; ANGHEL, Gh.; CEAPOIU, N.; CARAUSU, D.; COCIU, V.

Concept of species reflected in Rumanian works on cultivated
plants. Studii cerc biol s. bot 16 no. 2:153-162 '64.

1. Institute of Research of Cereals and Industrial Plants,
Laboratory of Hybridization. 2. Corresponding Member of the
Rumanian Academy (for Priadcencu, Ceapoiu).

BORDEIANU, T., acad. prof. (Bucuresti)

Scientific activity developed in the horticultural and viticultural sector. Natura Biologie 16 no.4:59-67 Jl-Ag'64

IVAN, I.M., prof.; BORDEIANU, Vera, dr.; GAICULESCU, Stefania, dr.;
POPESCU, Er., dr.; ZAHARIA, C., dr.; BORDEIANU, P., dr.;
PETRESCU, R., dr.; TELNICEANU, A., dr.

Epidemiological considerations on acute enterocolitis in a district of the city of Bucharest. Pediatría (Bucur) 14 no.1:45-54
Ja-F'65.

1. Lucrare efectuata in Inspectia de stat pentru igiena si protectia muncii a Raionului "Lenin" (VI) si la Catedra de epidemiologie, Institutul medico-farmaceutic, Bucuresti.

ISTRATI, G.; MEITERT, T.; CIUFECO, C.; BORDEIANU, Vera; ALEXA, Eugenia;
POENARU, Teodorina; MARTIN, Lidia

Phage typing of Shigella. IV. Phage typing of strains of Shigella
felxneri 2a isolated from sporadic cases and epidemic foci of
dysentery. Arch. roum. path. exp. microbiol. 21 no.2:368-372 '62.

1. Inst. "Dr. I. Cantacuzino" (for Istrati, Meitert, Ciufeco).
2. Centre Sanitaire Antiepidemique de l'Institut "Dr. I. Cantacuzino" --
Service des Enterobacteriacees (for Bordeianu, Alexa, Poenaru,
Martin).

(SHIGELLA) (BACTERIOPHAGE TYPING) (DYSENTERY, BACILLARY)

BORDELJUS, N.A., aspirant; GOGLAVSKAYA, L.D., aspirant

Possibility of using ultrasonics in the study of disseminated
ores. Izv. vys. ucheb. zav.; geol. i razv. 6 no.5:85-89
My '65. (MIRA 18:10)

l. Moskovskiy geologorazvedochnyy institut imeni Ordzhonikidze
i Moskovskiy oblastnoy pedagogicheskiy institut imeni Krupskey.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4

BORDENOV, P.V., inzh.

"Machines and tools for hole boring" by P.S. Podkolzin and
others. Reviewed by P.V. Bordenov. Shakh. stroi. no.1:32-3 of cover
Ja '59. (MIRA 12:1)

(Boring machinery)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4"

BORDETSKAYA, G.R.; MOISEYEVA, N.A.

Conditioned reflex activity in ontogenesis with exclusion of
the distance receptors. Nauch. soob. Inst. fiziol. AN SSSR
no.1:16-18 '59. (MIRA 14:10)

1. Laboratoriya interotseptivnykh refleksov (zav. - E.Sh.
Ayrapet'yants) Instituta fiziologii imeni Pavlova AN SSSR.
(ONTOGENY) (CONDITIONED RESPONSE)

BORDEVIC, Lj.; DIMITRIJEVIC, A.

Total obstruction of the subclavian artery caused by a gunshot
injury. Acta chir. Jugosl. II no.1:73-77 0 '64.

I. Hirarsko odeljenje Opste bolnice u Kraljevu (Nacelnik
prim. dr D. Dukovic).

BORDIKOVA, A.I., dots., kand.biol.nauk; STEPANENKO, N.N., prof., doktor fiz.-
mat.nauk

Bemizov frigorimeter and its use in solving certain problems.
Nauch.dokl.vys.shkoly; stroi. no.3:274-279 '58. (MIRA 12:7)

1. Rekomendovana kafedroy fiziki Moskovskogo instituta inzhenerov
gorodskogo stroitel'stva Mosgorispolkoma.
(Thermometers and thermometry)

ANDREYEV, Viktor Fedorovich, kand. ekon. nauk; BANNYY, Nikolay Pavlovich, dots., kand. ekon. nauk; GOELIK, Iosif Grigor'yevich, dots., kand. ekon. nauk [deceased]; KATYSHEV, Viktor Leonidovich; OBLOMSKIY, Yakov Antonovich, dots., kand. ekon. nauk; PEKELIS, Isay Borisovich; PINEGIN, Ivan Ivanovich; PRIYMAK, Ivan Andreyevich, prof., doktor tekhn. nauk [deceased]; ROYTBURD, Lazar' Nisonovich, prof., doktor ekon. nauk; ROMANOVICH, Nikolay Dmitriyevich; BORDIN, M.M., retsenzant; BRYUKHANENKO, B.A., dots., kand. ekon. nauk, retsenzant; KHUTORSKAYA, Ye.S., red.isd-va; KARASEV, A.I., tekhn. red.

[Economics of ferrous metallurgy in the U.S.S.R.] Ekonomika chernoi metallurgii SSSR. [By] V.F.Andreev i dr. Pod red. L.N.Roitburda i N.P.Bannogo. Moskva, Metallurgizdat, 1963.
384 p. (MIRA 16:5)

(Iron industry) (Steel industry)

BORDIN, V.

Following the example of Valentina Gaganova. Avt. transp. 37
no.10:15-16 O '59.
(Socialist competition)

BORDIN, V.

Workers take part in the management of automotive transportation units. Avt.transp. 38 no.2:9-10 F '60. (MIRA 13:6)
(Transportation, Automotive)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4

BORDIN, V.

Let us win the title of an automotive transportation unit of communist labor. Avt. transp. 38 no.9:5-7 S '60. (MIRA 13:9)
(Moscow Province--Transportation, Automotive)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4"

BORDIN, V.

Conductor committees are operating. Avt. transp. 39 no. 10:7-9
0 '61. (MIRA 14:10)
(Highway transport workers)

BORDIN, V.; PADAS', N.

Those who leave time behind. Av.transp. 40 no.7:6-8 Jl '62.
(MIRA 15:8)
(Kashira—Transportation, Automotive)

BORDIN, V.

Results of competition are summed up daily. Avt. transp.
41 no.8:8-10 Ag '63. (MIRA 16:11)

BORDIN, V. V.

Vengerskaia Narodnaia Respublika [Hungarian People's Republic]. Moskva, Geografgis, 1952
96 p

SO: Monthly List of Russian Accessions, Vol 6 No 8 November 1953

SOV/3602 PHASE I BOOK EXPLANATION

Избранные сплавы лаватин Мотилеви.
Metal Alloys: Collection of Articles [in Russian].
1960. 202 P. Errata slip inserted.
Institute of Nonferrous Metallurgy, Institute of Metalurgy,
Academy of Sciences USSR. Moscow, Izd-vo A N SSSR,
2,000 copies printed.

Editor: I.A. Oding, Corresponding Member, USSR Academy of Sciences; **Ed. of Publishing House:** V.S. Rittenikov; **Tech. Ed.:** N. S. Kostylev; **Board:** V. V. Kostylev.

EDITOR: This collection of articles is intended for workers in scientific research institutes, metal and machine works, for teaching personnel, and for students attending schools of higher education.

NOTE ON THE PUBLICATION OF THIS ARTICLE. This is the second volume in a series of papers on nonferrous and light metals prepared by the Institute of Metallurgy, Soviet Academy of Sciences, and the Institute of Nonmetals of the Academy of Sciences of the Ukrainian SSR, and the Institute of Nonmetallic Materials of the Moscow Institute of Chemical Technology. It is written by V. I. Malinina, who has conducted extensive research on the properties of various nonferrous metals and gold and silver. The effect of alloying and deformation on the properties of various metals and the problems connected with the study of the casting properties and the plasticity of these materials are discussed. References to nonferrous alloys are given at the end of each article. References concerning the properties of light metals are given at the end of the article.

THE BEHAVIOR OF AIRS IN CONTACT WITH SOLIDS

W. H. Riedel, Z. A. Sverdrup, and E. S. Ladd.—The Effect of Silicon on the Properties of the Pb-Sn Alloy at Room Temperature and at Elevated Temperatures. *Trans. Amer. Inst. Min. Engrs.*, Vol. 24, Part II, p. 251. 1935.
W. H. Riedel, Z. A. Sverdrup, J. A. Volden, and E. S. Ladd.—Correlation of Heat Strength of Tin-Bismuth Alloys. *Trans. Amer. Inst. Min. Engrs.*, Vol. 25, p. 251. 1936.
J. W. Lukens and Z. A. Sverdrup.—The Effect of a Repeated Heat Treatment on the Mechanical Properties of a Pb-Sn Alloy at Room Temperature and Elevated Temperatures. *Trans. Amer. Inst. Min. Engrs.*, Vol. 26, p. 251. 1937.

The Utilization of Bonds Developing Between Adjacent Nations

Chalikovskaya, Ziba N., V. V. Letin, Aka. Radchenko, S. I. Linn, and V. V. Tikhonov. The Effect of Cold Treatment on the Properties of Shear Aluminia-Alloy Ceramics by Fast Treatment

Lilienfeld, John D., G. J. Glickham, and G. H. Rastetter. The Application of High Temperature Stabilization in the Lamination of Ceramic Plastics

Wiederhorn, Dale and Lee Brimhall. The Effect of Crystal Deformation on the Mechanical Properties of the Al₂O₃-MgO System. II. Crystal Deformation and the Mechanical Properties of the Al₂O₃-MgO System

Journal of the Royal Statistical Society, Series B, 2000, **62**, Part 1, 1–27. © 2000 Royal Statistical Society
DOI: 10.1111/1467-9272.00160

and the author's name, and the date of publication, as well as the title of the book.

101

THE JOURNAL OF CLIMATE

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4"

PIMENOV, V.M.; BORDINA, G.M.; KOROLEV, B.G.

Effect of conditions of casting magnetic alloys on their
properties. Lit. proizv. no.8:6-8 Ag '61. (MIRA 14:7)

(Alloys—Magnetic properties)
(Founding)

L 49802-55 EWT(1)/EWT(m)/T/EWP(t)/EWP(b)/EWA(h) Pz-6/Peb IJP(c)

JD/AT

ACCESSION NR: AP5010106 UR/0109/65/010/004/0727/0735 37

AUTHOR: Bordiga, N. M.; Vasil'yev, A. M.; Zaytseva, A. K.;
Landsman, A. F. 36
B

TITLE: Effect of the spreading resistance on the load characteristic of a silicon
photocell having various takeoff contacts 27

SOURCE: Radiotekhnika i elektronika, v. 10, no. 4, 1965, 727-735

TOPIC TAGS: semiconductor, photocell, silicon photocell, spreading resistance

ABSTRACT: As in practical silicon photocells, the reduction of the output voltage (20-30 mv) due to the spreading resistance is small compared to the parameter $AkT/q = 40$ mv where k is the Boltzmann constant, T is the temperature, q is the electron charge, and A is a numerical constant about 2), the photocell load characteristic is presented as a small-parameter series; the ratio of the voltage drop in the doped layer to AkT/q is used as the small parameter. Equations and

Card 1/2

L 49802-65

ACCESSION NR: AP5010106

boundary conditions are supplied which permit determining the consecutive terms of this series. Using a simplest photocell as an example, it is shown that, in the first approximation, the M. B. Prince equivalent circuit (J. Appl. Phys., 1955, 26, 5, 534) is valid. Formulas are also derived for a contact arranged along the perimeter of the doped layer, along 3 sides, 2 sides, grill-shaped and grid-shaped contacts. A 30 x 15 rectangular silicon photocell illuminated by a ZS-3 lamp having a luminous flux of 800 w/m² served for measuring the load (current-voltage) curve. A theoretical curve plotted in the same figure shows good agreement. Orig. art. has: 7 figures and 40 formulas.

ASSOCIATION: Vsesoyuznyy nauchno-issledovatel'skiy institut istochnikov toka
(All-Union Scientific Research Power Source Institute)

SUBMITTED: 07Dec63

ENCL: 00

SUB CODE: EC

NO REF SOV: 001

OTHER: 003

me
Card 2/2

L. 3032-66 EWT(1)/EWA(h) IJP(c) AT
ACCESSION NR: AP5017679

UR/0109/65/010/007/1356/1358
621.383.44:546.28

31
B

AUTHOR: Bordina, N. M.; Zaytseva, A. K.

TITLE: Selection of optimal size and load of a silicon ²⁵ photocell with various arrangements of leads

SOURCE: Radiotekhnika i elektronika, v. 10, no. 7, 1965, 1356-1358

TOPIC TAGS: photocell, silicon photocell

ABSTRACT: The conclusions of A. U. Momin et. al., (J. Electronics and Control, 1963, 14, 4, 425) and M. Wolf (Proc. IRE, 1960, 48, 7, 1262) re silicon-photocell efficiency are critisized. A theoretical method is suggested for finding the optimal dimensions and the optimal load current of a silicon photocell having various configurations of contacts with the alloyed layer (single and double strips, angle, Π , square, circle, grid). Formulas connecting the geometrical dimensions of the photocell and its contact with its resistivity, thickness, and optimal current for all above contact configurations are developed. Orig. art. has: 2 figures and 17 formulas.

ASSOCIATION: none

SUBMITTED: 16Jun64

Card 1/1 NR RKF SOV: 001

ENCL: 00

OTHER: 003

SUB CODE: EC

BORDINA, N.M.; VASIL'YEV, A.M.; ZAYTSEVA, A.K.; LANDSMAN, A.P.

Effect of the spreading-out resistance on the load characteristic of
silicon photocells with different current take-off possibilities.
Radiotekhnika i elektron. 10 no.4:727-735 Ap '65. (MIRA 18:5)

1. Vsescyuznyy nauchno-issledovatel'skiy institut istochnikov toka.

BORESKOV, G.K.; BUKANAYEVA, F.M.; D'VIS'KO, V.A.; KAZANSKIY, V.B.; PECHERSKAYA,
Yu.I.

Electron paramagnetic spectra of deposited chromium oxide catalysts
used for ethylene polymerization, and the nature of their activity.
Kin. i kat. 5 no.3:434-440 My-Je '64.

(MIRA 17:11)

1. Institut kataliza Sibirskogo otdeleniya AN SSSR i Institut khimi-
cheskoy fiziki AN SSSR.

BORDIUSHKOV, Yu.N.

Effect of gonadotropic activity of the hypophysis in rats on
development of intrasplenic transplants of the ovary. Vop.onk.
7 no.8:62-65 '61. (MIRA 15:1)

1. Iz eksperimental'nogo otdela (zav. - prof. M.A. Ukolova)
Rostovskogo gosudarstvennogo nauchno-issledovatel'skogo instituta
rentgenologii, radiologii i onkologii Ministerstva zdravookhra-
neniya RSFSR (dir. - kand.med.nauk P.N. Snegirev). Adres avtora:
Rostov-na-Donu, 14 liniya, 47, Institut rentgenologii, radiologii
i onkologii Ministerstva zdravookhraneniya RSFSR.
(OVARIES—TRANSPLANTATION) (GONADOTROPIN—PHYSIOLOGICAL EFFECT)
(SPLEEN—SURGERY)

SAVIN, Z.; SIMITCH, Tschedomir, prof.dr.; BORDJOCHKI,A.

Virulence of strains of *Toxoplasma gondii* isolated from
poultry in Yugoslavia. Acta parasit. Pol. 11 no.5/13:
105-112 '63

1. Institut de Parasitologie, Faculte Veterinaire de Belgrade.
Directeur: Prof. T.Simitch.

PETROVITCH, Zl.; BORDJOCHKI, A.; TOMANOVITCH, B.; SAVIN, Z.

Experimental infection of young dogs with *Taenia crassiceps* (Zeder, 1800) originating from *cystercus*, found in *Citellus citellus*. Acta parasit. Pol. 11 no. 5/13:161-162 '63

1. Institut de Parasitologie, Faculte Veterinaire de Belgrade.
Directeur: Prof. Dr. Tschedomir Simitsch.

BORDJOSKI, M., Dr.; MIKACIC--ANTUNOVIC, Dr.

Analysis of results of agglutination reaction in diagnosis of leptospirosis. Higijena, Beogr. 8 no.2-3:153-162 1956.

1. Institute of Hygiene, Belgrade.

(LEPTOSPIROSIS, diag.

tube-agglut. test (Ser))

(AGGLUTINATION,

tube-agglut. test in diag. of leptospirosis (Ser))

BORDO, R.F.

Trichomonal urethritis in males. Vest. vener. no.3:54-56 May-June 1951.
(CLML 20:11)

1. Of the Male Genitourinary Division (Head--R.F. Bordo), Odessa
Oblast Venereal Dispensary (Head Physician--I.M. Koltun).

Light sources for spectral analysis. VII. Universal
adjustable interrupted-arc apparatus with electronic con-
trol. A. Berdecs (Phys. Zentralforsch.-Inst. Ungarischer
Akad. Wiss., Budapest). Acta Phys. Acad. Sci. Hung.
1952, Vol. 4, No. 48, p. 155-161; 51, 1953, 404.

The apparatus consists of a vacuum chamber containing a
cathode, an anode, and a light source. The cathode is connected
to a power source through a switch and a resistor. The anode is
connected to ground. The light source is a tungsten filament. The
circuit includes a pulse generator, a thyatron tube, and a double
spark gap. The thyatron is controlled by the pulse generator,
which sends voltage pulses to the grid of the thyatron
in the desired rhythm. The duration of the pulse generator
facilitates the production of arcs with different
intensity densities. By adjusting the controls, the
period of duration of the interruptions can be varied.

SHIROKOV, Matvey Yevdokimovich. Prinimali uchastiye: PROKOP'YEV, I.M., vrach; KATOLIK, G.M., vrach; KERBELEV, V.I., vrach; SHIROKOVA, N.S., vrach. KHODOS, Kh.G., prof., red.; BORDONSKIY, S., red.; YURGANOVA, M., tekhn.red.

[Darasun Health Resort] Kurort Darasun. Izd.2., dop. i ispr.
Chita, Chitinskoe knizhnoe izd-vo, 1960. 142 p.
(MIRA 13:11)
(DARASUN-KURORT--THERAPEUTICS, PHYSIOLOGICAL)

SIMIC, C.; PETROVIC, Zl.; BORDOSKI, A.; TOMANOVIC, V.; SAVIN, Z.

Spontaneous increase of the virulence in a Czechoslovakian strain
of Toxoplasma gondii and spontaneous regression to its original level.
Glas. srpske akad. nauk. [Med] no.15:107-115 '60.

(TOXOPLASMA)

S

SIMIC, C., akad; PETROVIC, Zl., dr.; BORDOSKI, A., dr.; TOMANOVIC, B.;
SAVIN, Z.

Compared sensibility of *Citellus citellus* and white mouse
to the infection with the strain RH of *Toxoplasma gondii*.
Glas SANU 12 no.2:227-228 '60 [publ.'62].

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4

SIMIC, C., akad.; PETROVIC, Zl., dr.; BORDOSKI, A., dr.;
TOMANOVIC, B.; SAVIN, Z.

Premunition against toxoplasmosis. Glas SANU 12
no.2:228 '60 [publ.'62].

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4"

SIMIC, C., akad.; PETROVIC, Zl., dr.; BORDOSKI, A., dr.;
TOMANOVIC, B.; SAVIN, Z.

Can one preunize mammals against acute toxoplasmosis?
Glas SANU 12 no.2:228 '60 [publ.'62].

BORDOSKI, Marko, Dr.; ANTUNOVIC-MIKACIC, Smilja, dr.; DIMIC, Mileva, dr.

Leptospirosis in Serbia. Higijena, Beogr. 7 no.1-4:118-125
1955.

1. Higijenski institut NRS, Beograd.
(LEPTOSPIROSIS, epidemiol.
in Jugosl. (Ser))

BORDOSKI, Marko; GLIGIC, Ana; LEVI, Eva; BOSKOVIC, Radoslav;
NIKOLIC, Mihajlo; PERISIC, Zivadin; SUVAKOVIC, Vojislav;
VUCKOVIC, Dragan

Postvaccinal antibodies in anti-cowpox protection. Vojnosanit.
pregl. 20 no.6:346-350 Je '63.

1. Zavod za zdravstvenu zastitu NR Srbije u Beogradu,
Medicinski fakultet u Beogradu, Klinika za infektivne bolesti.
(VACCINIA) (VACCINATION) (ANTIBODIES)

5

GALUZEVSKIY, Georgiy Nikolayevich; BORDOV, D.I., red.; SMIRNOVA, R.N.,
red. izd-va; NAZAROVA, A.S., tekhn. red.

[Accounting for expenditures and calculating service costs in
municipal service enterprises] Uchet zatrata i kalkulirovaniye
sebestoimosti uslug v kommunal'nykh predpriyatiakh. Moskva,
Izd-vo M-va kommun. khoz. RSFSR, 1960. 101 p. (MIRA 15:3)
(Municipal services) (Cost accounting)

LITVINNOVA, T.P.; LYUKSHENKOV, A.G. [deceased]; Prinimali uchastiye: YAITSKAYA,
V.Ya., studenta; ZUBOVA, T.F., studentka; DENISOVA, I.D., studentka;
MIRZOIEVA, Ye.Kh., studentka; OBOLENSKAYA, L.V., studentka; BELYAYEVA,
Z.D., studentka; BORDOVICH, Kh.D., studentka; OKUNEVA, N.F., studentka

Determination of the amount of water retained in plant raw material
in preparing infusions and decoctions. Apt. delo 10 no. 5:8-11 S-0
'61. (MIRA 14:12)

1. Farmatsevticheskiy fakul'tet I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M.Sechenova.

(BOTANY, MEDICAL) (WATER)
(CHEMISTRY, MEDICAL AND PHARMACEUTICAL)

ACCESSION NR: AP4038990

S/0229/64/000/005/0030/0031

AUTHOR: Bordovitsyn, Yu. A. (Engineer)

TITLE: A new type of marine engine for hydrofoil ships

SOURCE: Sudostroyeniye, no. 5, 1964, 30-31

TOPIC TAGS: ship, hydrofoil ship, marine engine, turbojet engine, aircraft engine, ship powerplant, high-speed ship, propulsion

ABSTRACT: Propulsion units consisting of a turbine and reducer located in the gondola of a hydrofoil ship as proposed by V. Yu. Tikhoplav can be used only in slow-running ships of deep draught with deeply-submerged automatically controlled hydrofoils. This was noted by engineer A. N. Vashedchenko in an article in Sudostroyeniye, No. 9, 1962. Larger and higher-speed hydrofoil ships can be provided with a power plant of sufficient power only with the use of gas turbines. At present, two propulsion units are proposed: a gas turbine with angular transmission and supercavitational screw and a gas turbine with an air screw. The hydrodynamic qualities of both units are the same, but both have deficiencies that inhibit their usefulness. Therefore, the possibility of using aircraft turbojet engines,

Cont 1/2

ACCESSION NR: AP4038990

especially two-stage engines is considered. The type LTZD-1 engine of the Boeing 707-120V seems suitable for this purpose. A two-stage turbojet engine should be designed for hydrofoil ships that would be competitive with gas turbine engines with respect to fuel consumption.

ASSOCIATION: none

SUBMITTED: (W)

DATE ACQD: 04Jun64

ENCL: 00

SUB CODE: PR

NO REF Sov: 003

OTHER: 000

Card 2/2

KUNITSKIY, L.S., kand.tekhn.nauk; BORDOVSKAYA, I.N., inzh.

Auxiliary system for calculating the salt content on the basis
of the chemical analysis of waters, and water and hydrochloric
acid extracts. Trudy SANIIRI no. 98:55-62 '59. (MIRA 14:1)
(Soils--Analysis)

BORDOVSKAYA, M.V.

Certain geochemical criteria for diagnosing petroleum-source series. Neftegaz. geol. i geofiz. no.11:32-35 '64.

(MIRA 18:3)

1. Moskovskiy ordena Trudovogo Krasnogo Znameni institut neftekhimicheskoy i gazovoy promyshlennosti im. akad. Gubkina.

L 52700-65 RM/WW	EPA(s)-2/EWT(m)/EPP(c)EPR/EWP(j)/T/	Pc-4/Pr-4/Ps-4/Pt-7
ACCESSION NR.	AP5014492	UR/0032/65/031/006/0716/0717
AUTHORS:	Sergeev, A. A.; Sergeyev, V. K.; Bordovskaya, N. V.	
TITLE:	A method for microstructural analysis of fiberglass-reinforced plastics	
SOURCE:	Zavodskaya laboratoriya, No. 31, No. 6, 1965, 716-717	
TOPIC TAGS:	plastic, fiberglass, structure analysis, resin	
ABSTRACT: Microstructural analysis of the transverse sections is described as a method for quality control of fiberglass-reinforced plastics. The authors explain the shape of fibers and twisted strands in such sections and the nature of the mechanical and the chemical failures of this material. They also present a method for preparing polished sections to be used in the study of such defects as cracks and pores which determine the nature of the failure. The length of the straight cracks in the resin is limited by the distance between the layers of fiberglass. The curved cracks are normally found in the glass fibers saturated with resin. Microcracks are located at the junctions of the fibers and the binder; their width is 0.5μ and their length reaches 1 mm. The pores can be seen at the accumulations of resin and between the layers of fiberglass, are commonly of a		
Card 1/2		

L 52700-65 ACCESSION NR:	AP50111492		
regular form, and are 0.5-1.0 mm in size. They may occur singly or in groups, and are never interconnected. Orig. art. has: 1 microphotograph.			
ASSOCIATION:	none		
SUBMITTED:	10	ENGL:	00
NO REF Sov:	000	OTHER:	000
<i>Sc</i> Card 2/2			

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206310014-4

BORDOVSKAYA, R.M.

Charging device for centerless grinding machines. Stan. i instr.
31 no.2:44 F '60. (MIRA 13:5)
(Grinding machines--Attachments)

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